

Customer No.: 31561
Application No.: 10/604,131
Docket No.: 10461-US-PA

AMENDMENT

In the Claims:

Claim 1. (original) A hand-held apparatus with a touch control device, comprising:
a display, comprising a backlight;
a metal slice, located on the surface of the hand-held apparatus, wherein when a user touches the metal slice, the metal slice generates an AC signal; and

a control circuit, coupled to the metal slice, used to convert the AC signal into a DC pulse signal so as to control the hand-held apparatus based on the DC pulse signal.

Claim 2. (original) The hand-held apparatus with the touch control device of claim 1, wherein when the user touches the metal slice, the display is turned on.

Claim 3. (original) The hand-held apparatus with the touch control device of claim 2, wherein when the user touches the metal slice again, the display is turned off.

Claim 4. (original) The hand-held apparatus with the touch control device of claim 1, wherein when the user touches the metal slice, the backlight is turned on.

Claim 5. (original) The hand-held apparatus with the touch control device of claim 4, wherein when the user touches the metal slice again, the backlight is turned off.

Claim 6. (original) The hand-held apparatus with the touch control device of claim 1, wherein when the user touches the metal slice, the hand-held apparatus unlocks a keyboard.

Claim 7. (original) The hand-held apparatus with the touch control device of claim 6, wherein when the user touches the metal slice again, the hand-held apparatus locks the

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keyboard.

Claim 8. (original) The hand-held apparatus with the touch control device of claim 1, wherein the control circuit comprises:

an amplifier, coupled to the metal slice, used to amplify the AC signal and output an amplified AC signal;

a rectifier, coupled to the amplifier, used to rectify the amplified AC signal and output a rectified signal;

a filter, coupled to the rectifier, used to filter the rectified signal and output a DC pulse signal; and

a microprocessor, coupled to the filter, used to control the hand-held apparatus based on the DC pulse signal.

Claim 9. (original) The hand-held apparatus with the touch control device of claim 1, wherein the hand-held apparatus is a mobile phone.

Claim 10. (original) The hand-held apparatus with the touch control device of claim 1, wherein the hand-held apparatus is a PDA (Personal Digital Assistant).

Claim 11. (original) The hand-held apparatus with the touch control device of claim 1, wherein the hand-held apparatus is a hand-held computer.

Claims 12-22. (cancelled)